

**In the Claims:**

1. (Original) A wireless terminal comprising:  
a housing;  
an electronic circuit disposed within the housing;  
a flat-panel speaker positioned proximate a back side of the electronic circuit within the housing; and  
an internal antenna positioned proximate the flat-panel speaker on the back side of the electronic circuit within the housing.
2. (Original) The wireless terminal of Claim 1, wherein the flat-panel speaker is integrated with the internal antenna.
3. (Original) The wireless terminal of Claim 2, wherein the flat-panel speaker and the internal antenna each comprise conductive portions that reside on a first primary surface of a common substrate.
4. (Original) The wireless terminal of Claim 1, wherein the internal antenna is a planar antenna.
5. (Original) The wireless terminal of Claim 1, wherein the housing includes an earpiece and a keyboard on a front face of the housing, and wherein the electronic circuit is positioned between the front face of the housing and the flat panel speaker and internal antenna.
6. (Original) The wireless terminal of Claim 5, wherein the electronic circuit comprises a printed circuit board, and wherein the wireless terminal further comprises a forward acoustic passageway extending from the flat-panel speaker to the earpiece, the forward acoustic passageway comprising at least one acoustic aperture extending through the

printed circuit board adjacent the flat-panel speaker.

7. (Original) The wireless terminal of Claim 6, wherein the internal antenna is positioned between the printed circuit board and the flat-panel speaker and wherein the forward acoustic passageway further comprises at least one acoustic aperture extending through the internal antenna.

8. (Original) The wireless terminal of Claim 1, wherein the electronic circuit comprises a printed circuit board having a signal feed and a ground plane, and wherein the internal antenna is operatively coupled to the signal feed and the ground plane.

9. (Currently amended) [[The]] A wireless terminal of ~~Claim 1, comprising:~~  
a housing;  
an electronic circuit disposed within the housing;  
a speaker positioned proximate a back side of the electronic circuit within the  
housing;  
an internal antenna positioned proximate the speaker on the back side of the electronic  
circuit within the housing; and

wherein the electronic circuit includes an audio driver circuit coupled through a balanced feed to the flat-panel speaker.

10. (Original) The wireless terminal of Claim 9, wherein the balanced feed comprises a plurality of leads, and wherein the electronic circuit further comprises an RF isolation circuit on each lead of the balanced feed.

11. (Original) The wireless terminal of Claim 10, wherein the RF isolation circuit comprises a tank circuit.

12. (Original) The wireless terminal of Claim 10, wherein the RF isolation circuit

comprises an inductor.

13. (Original) The wireless terminal of Claim 1, wherein the flat-panel speaker is configured to act as a parasitic element to the internal antenna.

14. (Original) The wireless terminal of Claim 13, wherein the flat-panel speaker is configured to act as a parasitic element that provides a lower frequency range frequency response for the internal antenna.

15. (Currently amended) [[The]] A wireless terminal of Claim 13, comprising:  
a housing;  
an electronic circuit disposed within the housing;  
a speaker positioned proximate a back side of the electronic circuit within the housing;  
an internal antenna positioned proximate the speaker on the back side of the electronic circuit within the housing; and

wherein the flat panel speaker is configured to act as a parasitic element to the internal antenna that provides an increased bandwidth frequency response for the internal antenna.

16. (Original) The wireless terminal of Claim 13, wherein the flat-panel speaker is configured to act as a parasitic element that provides a multi-band frequency response for the internal antenna.

17. (Original) The wireless terminal of Claim 1, wherein the internal antenna comprises a planar inverted-F antenna (PIFA).

18. (Original) The wireless terminal of Claim 1, wherein the internal antenna comprises a single-contact patch antenna.

19. (Original) The wireless terminal of Claim 1, wherein the internal antenna comprises a monopole antenna.

20. (Original) The wireless terminal of Claim 2, wherein the electronic circuit comprises:

an audio driver circuit coupled to the flat-panel speaker through a balanced feed comprising a plurality of leads;

an antenna driver circuit in communication with the internal antenna; and

a signal compensation circuit in communication with the audio driver circuit and the antenna driver circuit, wherein when the internal antenna is in transmit mode the signal compensation circuit compensates a signal from the audio driver circuit to the flat-panel speaker.

21. (Original) An antenna subassembly comprising:  
a planar antenna; and  
a flat-panel speaker, wherein the flat-panel speaker is integrated with the planar antenna.

22. (Original) The antenna subassembly of Claim 21, wherein the flat-panel speaker and the planar antenna each comprise conductive portions that reside on a first primary surface of a common substrate.

23. (Currently amended) [[The]] An antenna subassembly of Claim 21,  
comprising:  
a planar antenna;  
a speaker, wherein the speaker is integrated with the planar antenna; and  
wherein the antenna subassembly further comprises an electronic circuit including an audio driver circuit coupled through a balanced feed to the ~~flat-panel~~ speaker.

24. (Original) The antenna subassembly of Claim 23, wherein the balanced feed comprises a plurality of leads, and wherein the electronic circuit further comprises an RF isolation circuit on each lead of the balanced feed.

25. (Original) The antenna subassembly of Claim 24, wherein the RF isolation circuit comprises a tank circuit.

26. (Original) The antenna subassembly of Claim 24, wherein the RF isolation circuit comprises an inductor.

27. (Original) The antenna subassembly of Claim 21, wherein the flat-panel speaker is configured to act as a parasitic element to the planar antenna.

28. (Original) The antenna subassembly of Claim 27, wherein the flat-panel speaker is configured to act as a parasitic element that provides a lower frequency range frequency response for the planar antenna.

29. (Currently amended) [[The]] An antenna subassembly of ~~Claim 27~~,  
comprising:

a planar antenna;

a speaker, wherein the speaker is integrated with the planar antenna; and

wherein the flat-panel speaker is configured to act as parasitic element to the planar antenna that provides an increased bandwidth frequency response for the planar antenna.

30. (Original) The antenna subassembly of Claim 27, wherein the flat-panel speaker is configured to act as a parasitic element that provides a multi-band frequency response for the planar antenna.

31. (Original) The antenna subassembly of Claim 21, wherein the planar antenna

comprises a planar inverted-F antenna (PIFA).

32. (Original) The antenna subassembly of Claim 21, wherein the planar antenna comprises a single-contact patch antenna.

33. (Original) The antenna subassembly of Claim 21, wherein the planar antenna comprises a monopole antenna.